

# Maher Athar Ilyas

Undergraduate Computer Science Student

Automation/Scripting || Full-Stack Web || Android App Developer

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## EDUCATION

### B.Sc. Computer Engineering

Bilkent University, Ankara, Turkey

Expected Graduation - 2024

CGPA 3.71

- **High Honor** International Student with **Full-Ride** Merit Scholarship.
- **Relevant Courses:** Algorithms and Programming I & II (**Java**) , Fundamental Structures of Computer Science I & II (**C++**) , Digital Design (**System-Verilog**), Computer Organization (**Assembly**), Calculus I & II , Discrete and Combinational Mathematics.

## WORK EXPERIENCE

### Freelance Software Developer

Fiverr

Sep 2021 - present

Online / Remote

- Designed, back-tested, and deployed **40+** commercial and personal **crypto trading-bots** for **25+ clients** that run on **desktop and VPS**.
- Utilized the **testnet and APIs** of Binance.com/.us, Kucoin, Discord, Telegram & Coinmarketcap while developing bots in **Python**.
- Accomplished **Level 1 seller** status within the opening month of service and maintained a **4.9/5 customer review** score.

### Graphic Designer and Social Media Manager

AL-HUDA Educational Institute

Jan 2018 - Aug 2020

Lahore, Pakistan

- Illustrated **72 workbooks** & school magazines for primary classes on CorelDraw.
- Designed flyers, posters and video-advertisements for school events and marketing campaign.
- Commenced and executed social media marketing campaign, obtaining **2.1k+ followers** on Facebook and **10k+ Subscribers** on YouTube.

### Curriculum Development Intern

Care Foundation

May 2019 - Aug 2019

Lahore, Pakistan

- Revised annual SMART curriculum for underprivileged middle-school students.
- Received **Best Intern Award** for excellent creativity and work ethic from a cohort of **25 Interns**.

## PROJECTS

### ■ Habinet : Social Media of Productivity - *Java, JDBC, MySQL, Swing*

A **gamified** habit tracking **desktop application** with integrated social media features such as **groups, group chat, leaderboards** and **to-do list**, implemented by online **server hosted relational database** and **data-structures** in Java .

### ■ Cryptocurrency Trading Bot for Binance & Kucoin - *Python, TA-lib, Binance API, Kucoin API, websockets, requests*

Python bot with integrated APIs of **Binance, Kucoin, and Telegram** that **requests live** market data, **executes trade orders** on exchanges, and sends **notifications on Telegram** account after preliminary calculations of multiple **trend indicators and candle patterns**.

### ■ Personal Website - *HTML, CSS, Bootstrap, JavaScript, PHP, Git*

An online **mobile-friendly** and responsive **resume website** styled and animated using **CSS, Bootstrap and Javascript** with a **contact me form** implemented using **PHP**. The website is hosted on **Github Pages** and updated using **Git**. (atherrrrr.github.io).

### ■ Smart-Music Player App for Android - *Java, XML, Android Studio*

An android application with an **animated UI design** using XML and Java that plays **.mp3 music files** and groups music files using **the user's past preferences** to play later using the user's current **mood selections**.

## TECHNICAL SKILLS

Java C++ Python API Integration Git JavaScript Bootstrap HTML CSS MySQL

SEO JDBC GitHub PHP Kotlin XML Android Studio CorelDraw Adobe Premiere Pro

## HONORS AND AWARDS

- **Cambridge Outstanding Learners Award for Regional Distinction in Computer Science (O-Level)** - CAIE
- **House Captain (Student Council)** - Beaconhouse ALJT
- **Highest Achiever Award (O-Level)** - Beaconhouse CSBC
- **Regional Table Tennis Champion 2019** - Pakistan
- **Valedictorian (AS & A-Level)** - Beaconhouse ALJT